

#5
3/21/02

RECEIVED

MAR 06 2002

TECH CENTER 1600/2900

P21632.A01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroyuki KAGECHIKA

Group Art Unit: 1624

Serial No : 09/926,407 ✓

(National Stage of PCT/JP00/02726)

Examiner: Unknown

I. A. Filed: April 26, 2000

For : HETEROCYCLIC CARBOXYLIC ACID DERIVATIVES ✓

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

Sir :

Pursuant to the duty of disclosure set forth in 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, the following documents are brought to the attention of the Examiner:

Japanese Patent Unexamined Publication (KOKAI) No. (Sho) 61-22047/1986 (with an English language abstract), which is cited and discussed in the specification, beginning at page 1, second paragraph;

Japanese Patent Unexamined Publication (KOKAI) No. (Sho) 61-076440/1986 (with an English language abstract), which is cited and discussed in the specification, beginning at page 1, second paragraph;

Journal of Medicinal Chemistry, 1988, Vol. 31, No. 11, pp. 2182-2192, which is cited and discussed in the specification, beginning at page 1, second paragraph;

P21632.A01

Evans, R. M., Science, 240, pp. 889-895, 1988, which is cited and discussed in the specification, beginning at page 1, third paragraph;

Petkovich, M., et al., Nature, 330, pp. 444-450, 1987, which is cited and discussed in the specification, beginning at page 1, third paragraph;

Hashimoto, Y., Cell Structure and Function, 16, pp. 113-123, 1991, which is cited and discussed in the specification, beginning at page 1, third paragraph;

Hashimoto, Y., et al., Biochemical Biophysical Research Communications, Vol. 166, pp. 1300-1307, 1990, which is cited and discussed in the specification, beginning at page 1, third paragraph;

WO97/11061 (with an English language abstract), which is cited and discussed in the specification, beginning at page 2, first full paragraph;

WO98/45242 (with an English language abstract), which is cited and discussed in the specification, beginning at page 2, first full paragraph;

Mangelsdorf, D. J. et al., Nature, Vol. 345, pp. 224-229, 1990, which is cited and discussed in the specification, beginning at page 2, second full paragraph;

Mangelsdorf, D. J. et al., The Retinoids, 2nd Edition, Raven Press, Ltd., pp. 319-349, 1994, which is cited and discussed in the specification, beginning at page 2, second full paragraph;

Eyrolles, L., et al., Journal of Medicinal Chemistry, 37(10), pp. 1508-1517, 1994, which is cited and discussed in the specification, beginning at page 2, last paragraph;

P21632.A01

Japanese Patent Publication No.09-100270 (with an English language abstract), which is cited and discussed in the specification, beginning at page 3, first paragraph;

Japanese Patent Unexamined Publication (KOKAI) No. (Sho) 61-267580/1986 (with an English language abstract), which is cited and discussed in the specification, beginning at page 12, last paragraph;

Japanese Patent Unexamined Publication (KOKAI) No. (Hei) 01-131169/1989 (with an English language abstract), which is cited and discussed in the specification, beginning at page 12, last paragraph;

U.S. Patent No. 6,093,838 (issued July 25, 2000) to Vasudevan et al.;

WO99/33821;

WO98/47854;

U.S. Patent No. 5,760,276 (issued June 2, 1998) to Beard et al.;

U.S. Patent No. 5,739,338 (issued April 14, 1998) to Beard et al.;

U.S. Patent No. 5,728,846 (issued March 17, 1998) to Vuligonda et al.;

WO97/48672;

WO97/34869 (with an English language abstract);

U.S. Patent No. 5,672,710 (issued September 30, 1997) to Beard et al.;

WO97/12853;

WO97/09297 (with an English language abstract);

WO97/02244 (with an English language abstract); and

WO96/13478 (with an English language abstract).

P21632.A01


Copies of the foregoing documents are provided herewith. Copies of the International Search Report and International Preliminary Examination Report were filed with the application in this case. The Examiner is referred to the English translations of the International Search Report and International Preliminary Examination Report for an indication of the relevance given by the Examiner to the cited documents relative to the claims of the PCT application.

Copies of the foregoing documents are provided herewith. The Examiner is requested to consider the aforementioned documents and to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the first Official Action on the merits.

Applicants note that an Office Action on the Merits has not been received in the instant application. However, if an Office Action on the Merits has issued, and is crossing this statement in the mail, the undersigned herreby authorizes the Commissioner to charge any fee necessary for consideration of this statement, including any payment under 37 C.F.R. § 1.17 (p), to Applicant's Deposit Account No. 19-0089.

Should there be any questions regarding the above or the present application, the Examiner is invited to contact the undersigned at the below-listed number.

Respectfully submitted,
Hiroyuki KAGECHIKA


Bruce H. Bernstein
Reg. No. 29,027

Reg. No. 31,296

February 26, 2002
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

#5

TECH CENTER 1600/2900

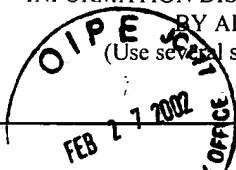
MAR 05 2002

RECEIVED

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P 21632Serial No.
09/926,407INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hiroyuki KAGECHIKAI.A. Filing Date
April 26, 2000Group
1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 0 9 3 8 3 8	07/25/00	VASUDEVAN et al.			
	5 7 6 0 2 7 6	06/02/98	BEARD et al.			
	5 7 3 9 3 3 8	04/14/98	BEARD et al.			
	5 7 2 8 8 4 6	03/17/98	VULIGONDA et al.			
	5 6 7 2 7 1 0	09/30/97	BEARD et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
6 1 - 2 2 0 4 7	01/30/86	JAPAN			
6 1 - 7 6 4 4 0	04/18/86	JAPAN			
9 7 / 1 1 0 6 1	03/27/97	W.I.P.O.			
9 8 / 4 5 2 4 2	10/15/98	W.I.P.O.			
9 - 1 0 0 2 7 0	04/15/97	JAPAN			
6 1 - 2 6 - 7 5 8 0	11/27/86	JAPAN			
1 - 1 3 1 1 6 9	05/24/89	JAPAN			
9 9 / 3 3 8 2 1	07/08/99	W.I.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of JP 61-22047.
2	English Language Abstract of JP 61-76440.
3	Journal of Medicinal Chemistry, 1988, Vol. 31, No. 11, pp. 2182-2192.
4	Evans, R. M., Science, 240, pp. 889-895, 1988.
5	Petkovich, M., et al., Nature, 330, pp. 444-450, 1987.
6	Hashimoto, Y., Cell Structure and Function, 16, pp. 113-123, 1991.
7	Hashimoto, Y., et al., Biochemical Biophysical Research Communications, Vol. 166, pp. 1300-1307, 1990.
8	English Language Abstract of WO 97/11061.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P 21632Serial No.
09/926,407INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hiroyuki KAGECHIKAI.A. Filing Date
April 26, 2000Group
1624

TECH CENTER 1600/2900

MAR 06 2002

RECEIVED

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
											YES	NO
	9	8	/	4	7	8 5 4	10/29/98	W.I.P.O.				
	9	7	/	4	8	6 7 2	12/24/97	W.I.P.O.				
	9	7	/	3	4	8 6 9	09/25/97	W.I.P.O.				
	9	7	/	1	2	8 5 3	04/10/97	W.I.P.O.				
	9	7	/	0	9	2 9 7	03/13/97	W.I.P.O.				
	9	7	/	0	2	2 4 4	01/23/97	W.I.P.O.				
	9	6	/	1	3	4 7 8	05/09/96	W.I.P.O.				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	9	English Language Abstract of WO 98/45242.
1	0	Mangelsdorf, D. J. et al., Nature, Vol. 345, pp. 224-229, 1990.
1	1	Mangelsdorf, D. J. et al., The Retinoids, 2nd Edition, Raven Press, Ltd., pp. 319-349, 1994.
1	2	Eyrolles, L., et al., Journal of Medicinal Chemistry, 37(10), pp. 1508-1517, 1994.
1	3	English Language Abstract of JP 9-100270.
1	4	English Language Abstract of JP 61-267580.
1	5	English Language Abstract of JP 1-131169.
1	6	English Language Abstract of WO 97/34869.
1	7	English Language Abstract of WO 97/09297.
1	8	English Language Abstract of WO 97/02244.
1	9	English Language Abstract of WO 96/13478.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.